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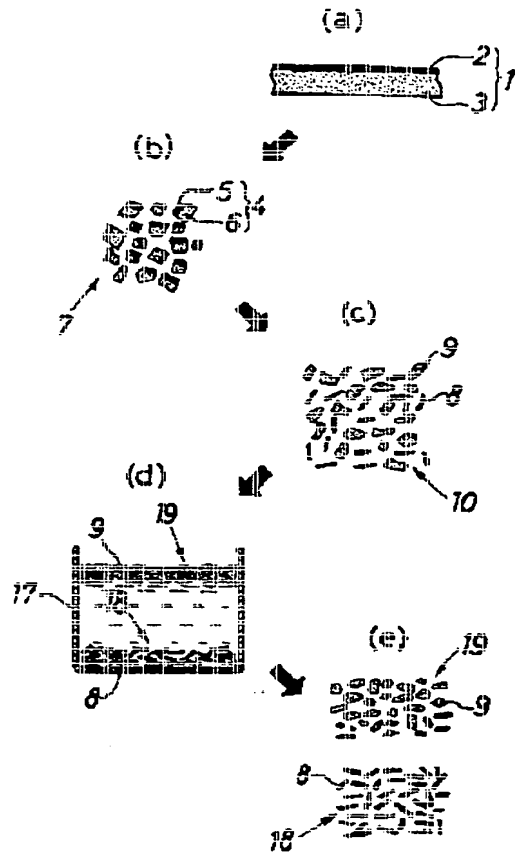
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APPLICANT : OKAMOTO IND INC;

INVENTOR : MATSUURA NOBORU;

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TITLE : CLASSIFIED COLLECTION AND
PROCESSING METHOD OF
SYNTHETIC RESIN LAMINATE



ABSTRACT : PURPOSE: To obtain an assembled matter of fine small pieces of a PVC single layer and an assembled matter of fine small pieces of a PP single layer with a high purity from a synthetic resin laminate made of the PVC single layer and the PP single layer.

CONSTITUTION: A first process and a second process are provided. In the first process, a synthetic resin laminate made of a PVC single layer 2 and a PP single layer 3 is crushed roughly so as to obtain an assembled matter 7 of laminate crushed pieces 4. In the second process, the assembled matter 7 is ground so as to shear the middle of a PVC single layer crushed piece 5 and a PP single layer crushed piece 6 which are connected to each other in the laminate crushed piece 4 and to fine the single layer crushed pieces 5 and 6, so that a hybrid assembled matter 10 consisting of independent PVC single layer fine small pieces 8 and PP single layer fine small pieces 9 is obtained. In a third process, classifying process for putting the hybrid assembled matter 10 in a water tank 17 is performed so as to deposit the PVC single layer fine small pieces 8 and float the PP single layer fine small pieces 9, so that two kinds of assembled matters 18 and 19 are obtained. In a fourth process, the assembled matters 18 and 19 are separately collected and dried. The third process and fourth process are carried out in sequence.

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